

**AVENTIS BEHRING GMBH**

**1999/Z013 - Ma 1219 - C46**

**Patent claims for USA:**

1. The use of antithrombin III for the prophylaxis and therapy of diseases, in particular of oncological diseases and diseases accompanying neovascularization, immune complex-mediated and autoimmune diseases, viral infections, fibrotic and granulomatous diseases, allergic diseases, degenerative diseases of the nervous system and arteriosclerosis and also acute inflammatory diseases and trauma.
2. The use as claimed in claim 1, **wherein** immune complex-mediated diseases such as vasculitis and granulomatous diseases are treated.
3. The use as claimed in claim 1, **wherein** autoimmune diseases such as systemic lupus erythematosus, rheumatoid arthritis and pemphigus are treated.
4. The use as claimed in claim 1, **wherein** viral infections, in particular HIV, are treated.
5. The use as claimed in claim 1, wherein allergic diseases such as bronchial asthma, rhinitis, conjunctivitis or dermatitis are treated.
6. The use as claimed in claim 1, **wherein** degenerative diseases of the nervous system such as Alzheimer's disease are treated.
7. The use as claimed in claim 1, **wherein** antithrombin III expressed from plasma or recombinantly or transgenically is used.
8. The use as claimed in claim 1, **wherein** antithrombin III is administered intravenously, subcutaneously, intradermally, intramuscularly and topically.

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